SEQUENCE LISTING

SENERAL INFORMATION:

- APPLICANT: HADASIT MEDICAL RESEARCH SERVICES AND DEVLOPMENT COMPANY (i)
- TITLE OF INVENTION: NOVEL HAPTOTACTIC PEPTIDES (ii)
- (iii) NUMBER OF SEQUENCES: 12

CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: 09/487790
- (B) (B) FILING DATE: Jan. 20 2000
- (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE:
 - (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 21
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: Linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Lys Gly Ser Trp Tyr Scr Met Arg Lys Met Ser Met Lys Ile Arg Pro Phe Pro Glu Glu

- (2) INFORMATION FOR SEQ 1D NO:2:
 - SEQUENCE CHARACTERISTICS: (i)
 - (A) LENGTH: 21
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Lys Thr Arg Trp Tyr ||Ser Met Lys Lys Thr Thr Met Lys Ile Ile Pro Phe Asn Arg Leu Thr

- (2) INFORMATION FOR SEQ ID NO:3:
 - SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOFOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

3

Arg Gly Ala Asp Tyr Ser Leu Arg Ala Val Arg Met Lys Ilc Arg Pro Leu Val Thr

- (2) INFORMATION FOR SEQ TD NO:4:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 19
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His Ala Lys Ser Arg Pro

- (2) INFORMATION FOR SEQ ID NO:5:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ 1D NO:5:

Leu Thr Ile Gly Glu Glu Glu His His Leu Gly Gly Ala Lys Glu Ala Gly Asp Val

- (2) INFORMATION FOR SEQ ID NO:6:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 29
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

X X Gly Val Val Tro X X X X Gly X X Tyr Ser X Arg X X X Met Lys Ile Arg Fro X X X Glu

- (2) INFORMATION FOR SEQ ID NO:7:
 - (i) SEQUENÇE CHARACTERISTICS:
 - (A) LENGTH: 65
 - (B) ¶YPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

AAGGGGTCA¶GGTATCAATGAGGAAGATGAGTATGAAGATCAGGCCCTTCTTCCCACAGCAATAG

- (2) INFORMATION FOR SEQ ID NO:8:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 63

2

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

AGAGGGGCAGATTATTCCC¶CAGGGCTGTTCGCATGAAAATTAGGCCCCTTGTGACCCAATAG

(2) 'INFORMATION FOR SEQ ID NO:9:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 63
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: Linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

AAAACCCGGTGGTATTCCATĞAAGAAAACCACTATGAAGATAATCCCATTCAACAGACTCACA

- (2) INFORMATION FOR SEQ ID NO:10
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ 1D NO:10:

Tyr Sor X Arg X X Met Lys le Arg Pro X X X Glu

INFORMATION FOR SEQ ID NO: 11

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

Lys X X Trp Tyr Ser Met X Lys X X Met Lys Ile X Pro Phe X X X

- (2) INFORMATION FOR SEQ ID NO: 12
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 30
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ 10 NO:12

Asp X Gly X X Trp X X Trp Lys X X Trp Tyr Ser Met X Lys X X Met Lys Ile X Pro Phe X X X X